

**1     ABSTRACT OF THE DISCLOSURE**

2             A sole assembly for an orbital sander includes a sole plate and a bearing.  
3     The sole plate has a top, a bottom, two opposite ends and an integral bearing seat.  
4     The bearing seat is integrally formed on and protrudes from the top and has a top,  
5     a top opening and a bottom recess. The top opening is defined through the top of  
6     the bearing seat. The bottom recess defined co-axially with the top opening  
7     through the bottom of the sole plate. The bearing is mounted and held securely in  
8     the bottom recess to hold an eccentric shaft. Therefore, the sole assembly has a  
9     minimum number of parts, which reduces assembly time and lowers  
10    manufacturing costs.